II.   AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently amended)   A computer implemented method of producing a linguistic dictionary, the method comprising:

obtaining orthographic variations of dictionary words;

explicitly storing substantially all orthographic variations of words in a finite state transducer database,

generating <u>on a computer</u>, for each of the orthographic variations, a cut and paste code,

wherein the cut and paste code includes code which indicates ~~how many~~ <u>a quantity of</u> characters <u>that</u> should be cut from the end of a surface form of a word and pasted to produce a particular variation,

wherein the cut and paste code is extended by a gloss code that indicates whether at least part of the orthographic variation should be converted between upper and lower case; and

storing <u>on a data carrier</u>, for each of the orthographic variations, the associated extended cut and paste code<u>, the data carrier including one of a magnetic computer disk and an optical computer disk</u>.

2. (Original)   The method of claim 1, wherein the gloss code further indicates whether conversion should be performed between each single and double character sequence in the orthographic variation.

3. (Original) The method of claim 1, wherein the gloss code indicates one of (i)-(vii):

(i) Do nothing;

(ii) Convert first character to upper case;

(iii) Convert first character to lower case;

(iv) Convert word to lower case;

(v) Convert word to upper case;

(vi) Convert word to upper case and replace each single character sequence with equivalent double character sequence; and

(vii) Convert word to lower case and replace each double character sequence with single characters.

4. (Original) The method of claim 1, further comprising:

storing, for each word having an accented character:

a word having a composite form of the accented character; and

a word having an expanded form of the accented character that includes a base character and an accent character.

5. (Currently amended)   A computer implemented linguistic dictionary comprising:

a computer, having:

a finite state transducer database for explicitly storing substantially all orthographic variations of words; and

a means of generating and storing, for each of the generated orthographic

variations, a cut and paste code,

        wherein the cut and paste code includes code which indicates <u>a quantity of</u> ~~how many~~ characters <u>that</u> should be cut from the end of a surface form of a word and pasted to produce a particular variation,

        wherein the cut and paste code is extended by a gloss code that indicates whether at least part of the orthographic variation should be converted between upper and lower case,

wherein the computer further comprises: a data carrier including one of a magnetic computer disk and an optical computer disk, and a processor.

6. (Original) The linguistic dictionary of claim 5, wherein the extended gloss code further indicates whether conversion should be performed between each single and double character sequence in the orthographic variation.

7. (Original) The linguistic dictionary of claim 5, wherein the extended gloss code indicates one of (i)-(vii):

(i) Do nothing;

(ii) Convert first character to upper case;

(iii) Convert first character to lower case;

(iv) Convert word to lower case;

(v) Convert word to upper case;

(vi) Convert word to upper case and replace each single character sequence with equivalent double character sequence; and

(vii) Convert word to lower case and replace each double character sequence with single characters.

8. (Original) The linguistic dictionary of claim 5, wherein the database stores, for each word having an accented character:

a word having a composite form of the accented character; and

a word having an expanded form of the accented character that includes a base character and an accent character.

9. (Currently amended)   A computer program product encoded on a computer readable storage medium comprising computer program means executable by a computer for performing substantially the steps of:

obtaining orthographic variations of dictionary words;

explicitly storing substantially all orthographic variations of words in a finite state

transducer database,

generating, for each of the orthographic variations, a cut and paste code,

wherein the cut and paste code includes code which indicates a quantity of ~~how many~~ characters that should be cut from the end of a surface form of a word and pasted to produce a particular variation,

wherein the cut and paste code is extended by a gloss code that indicates whether at least part of the orthographic variation should be converted between upper and lower case; and

storing, for each of the orthographic variations, the associated extended cut and paste code.

10. (Original) The computer program product of claim 9, wherein the extended gloss code further indicates whether conversion should be performed between each single and double character sequence in the orthographic variation.

11. (Original) The computer program product of claim 9, wherein the extended gloss code indicates one of (i)-(vii):

(i) Do nothing;

(ii) Convert first character to upper case;

(iii) Convert first character to lower case;

(iv) Convert word to lower case;

(v) Convert word to upper case;

(vi) Convert word to upper case and replace each single character sequence with

equivalent double character sequence; and

(vii) Convert word to lower case and replace each double character sequence with single characters.

12. (Original) The computer program product of claim 9, further comprising computer program means for storing, for each word having an accented character:

a word having a composite form of the accented character; and

a word having an expanded form of the accented character that includes a base character and an accent character.

13. (Previously Presented) The method of claim 1, wherein the extended code is adapted to allow a single orthographic variation to indicate a variation for a plurality of root words.